## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 5,582,989

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DATED INVENTOR(S) : C. T. Caskey

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Column 1,

Line 4, delete -- This invention was made with government support under Grant No. R22 DK35369 awarded by the National Institutes of Health. The United States Government may have certain rights in the invention. --

Signed and Sealed this

Eighteenth Day of May, 2004

JON W. DUDAS Acting Director of the United States Patent and Trademark Office